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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/240,844 02/01/99 SMITH

J 1960.103

EXAMINER

005514 TM02/0509
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ART UNIT	PAPER NUMBER
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2173

DATE MAILED:

05/09/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/240,844

Applicant(s)

SMITH ET AL.

Examiner

Kieu D Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 April 1999.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 20) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 1 and 8 are rejected under 35 U.S.C. 102(e) as being anticipated by Smith at al (“Smith”, USP 6222537 B1).

Regarding claim 1, Smith teaches a system for providing a graphical user interface for a component based application program (see abstract), comprising:

at least one user interface component (col 2, lines 36-45);

at least one component of an application program, said component having a workflow defined for it, said workflow associated with one of said at least one use interface components (col 3, lines 26-41);

at least one predefined user interface layout defining the arrangement of at least said at least one user interface component (col 4, lines 41-49)

a renderer to render a graphical user interface according to said at least one predefined user interface layout and a present context for said component based application program (col 3, lines 57-59); and

an application proxy to manage communication between said render, said at least one component of an application program and said at least one user interface component such that

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said graphical user interface is rendered upon a change in said present context (col 4, lines 41-49).

Regarding claim 8, Smith teaches a method of creating a graphical user interface for an application program implemented with a component architecture (see abstract), comprising the steps of:

providing at least one application program component, said component requiring at least one user interface component to be displayed in said graphical user interface in at least one context for said application program (col 3, lines 26-41);

defining a graphical user interface layout for at least said at least one application program component, said layout defining a position and arrangement for said required at least one user interface component in said at least one context (col 4, lines 41-49);

instantiating said user interface component and associating it with said at least one application program component and determining the present context of said application program and rendering said graphical user interface in accordance with said at least one layout defined for said context (col 4, lines 49- 58) and

rendering said graphical user interface each time the context of said application program changes (col 4, lines 41-49).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith and Brown ("Brown", USP 6173284).

Regarding claims 2-3, Smith does not teach that said renderer comprises a DHTML browser and said predefined user interface layout is a browser page defined in DHTML. However, such feature is known in the art as taught by Brown. Brown teaches a renderer (user interface module) comprising a DHTML browser and said predefined user interface layout is a browser page defined in DHTML (col 3, lines 11-15). It would have been obvious to one of ordinary skill in the art, having the teaching of Smith and Brown before him at the time the invention was made, to modify the graphical user interface system taught by Smith to include the use of DHTML browser taught by Brown with the motivation being to use a variation of languages.

Regarding claims 4-5, Smith teaches that the render includes Javascript objects to communicate with application proxy (col 3, lines 57-59; col 5, lines 62-65).

5. Claims 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith, Brown, and Sparks et al ("Sparks", USP 6222838 B1).

Regarding claims 6-7, Smith does not teach that user interface component is an ActiveX control or Java applet. However, such feature is known in the art as taught by Sparks. Sparks teaches user interface component is an ActiveX Control or Java applet (col 2, lines 39-44). It would have been obvious to one of ordinary skill in the art, having the teaching of Smith, Brown, and Sparks before him at the time the invention was made, to modify the graphical user interface system taught by Smith and Brown to include the use of ActiveX control or Java applet as user

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interface component taught by Brown with the motivation being to enable users to use ActiveX Control or Java applet in web page implementation.


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu whose telephone number is (703-605-1232). The examiner can normally be reached on Mon - Fri from 7:00AM to 3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached on (703- 308-3116). The fax phone number for the organization where this application or proceeding is assigned is (703-308-9051).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703-305-3900).

Kieu D. Vu

May 1, 2001


JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100